

EXHIBIT 50

Disputed Cisco Command	Ericsson Command Syntax	Ericsson Manual Bates Number
area default-cost	area <area-id> default-cost <cost>	ARISTANDCA13256136
area nssa	[no] area <area-id> nssa [no-redistribution] [default- information-originate]	ARISTANDCA13256136
area nssa default-information-originate	[no] area <area-id> nssa [no-redistribution] [default- information-originate]	ARISTANDCA13256136
area range	[no] area <area-id> range <ip-address> <netmask> [advertise not-advertise]	ARISTANDCA13256136
area stub	[no] area <area-id> stub [summary]	ARISTANDCA13256136
arp timeout	arp timeout <seconds>	ARISTANDCA13257362
boot system	boot system {boot-rom config opcode}: <filename>	ARISTANDCA13256136
channel-group	channel-group <channel-id>	ARISTANDCA13256136
clear arp-cache	clear arp-cache	ARISTANDCA13256136
clear counters	clear counters <interface>	ARISTANDCA13256136
clear ip igmp group	clear ip igmp group [<group-address> interface vlan <vlan-id>]	ARISTANDCA13256136
clear mac-address-table dynamic	clear mac-address-table dynamic	ARISTANDCA13256136
clear spanning-tree counters	clear spanning-tree counters	ARISTANDCA13257362
clock set	clock set hh:mm:ss day month year	ARISTANDCA13257362
clock timezone	clock timezone <name> hour <hours> minute <minutes> {before-utc after-utc}	ARISTANDCA13256136
default-information originate (OSPF)	default-information originate [always] [metric <interface-metric>] [metric-type <metric-type>]	ARISTANDCA13256136
dot1x port-control	dot1x port-control {auto force-authorized force- unauthorized}	ARISTANDCA13256136
dot1x reauthentication	[no] dot1x re-authentication	ARISTANDCA13256136
dot1x system-auth-control	[no] dot1x system-auth-control	ARISTANDCA13256136
dot1x timeout quiet-period	dot1x timeout quiet-period <seconds>	ARISTANDCA13256136
dot1x timeout reauth-period	dot1x timeout re-authperiod <seconds>	ARISTANDCA13256136
dot1x timeout tx-period	dot1x timeout tx-period <seconds>	ARISTANDCA13256136
flowcontrol receive	flowcontrol { send receive} { on off }	ARISTANDCA13257362
flowcontrol send	flowcontrol { send receive} { on off }	ARISTANDCA13257362
interface ethernet	interface [gigabitetherne t fastethernet] <interface-id>	ARISTANDCA13257362
interface port-channel	interface port- channel <port- channel-id>	ARISTANDCA13257362
interface vlan	interface vlan <interface-id>	ARISTANDCA13257362
ip access-group	[no] ip access-group <acl_name> {in out}	ARISTANDCA13256136
ip address	ip address [<ip-address> <netmask> bootp dhcp] [secondary]	ARISTANDCA13256136
ip domain lookup	[no] ip domain-lookup	ARISTANDCA13256136
ip domain-name	ip domain-name <name>	ARISTANDCA13256136
ip host	[no] ip host <name> <address1> [<address2> ... <address8>]	ARISTANDCA13256136
ip igmp last-member-query-interval	ip igmp last-memb-query-interval <seconds>	ARISTANDCA13256136
ip igmp query-interval	ip igmp query-interval <seconds>	ARISTANDCA13256136
ip igmp snooping	[no] ip igmp snooping	ARISTANDCA13256136
ip igmp snooping querier	[no] ip igmp snooping querier	ARISTANDCA13256136
ip igmp snooping vlan mrouter	[no] ip igmp snooping vlan <vlan-id> mrouter <interface>	ARISTANDCA13256136
ip igmp snooping vlan static	[no] ip igmp snooping vlan <vlan-id> static <ip-address> <interface>	ARISTANDCA13256136
ip igmp version	ip igmp snooping version {1 2 3}	ARISTANDCA13256136
ip multicast-routing	[no] ip multicast-routing	ARISTANDCA13256136
ip name-server	[no] ip name-server <server-address1> [<server-address2> ... <server-address6>]	ARISTANDCA13256136
ip ospf authentication	ip ospf authentication [message-digest null]	ARISTANDCA13256136
ip ospf authentication-key	ip ospf authentication-key <key>	ARISTANDCA13256136
ip ospf cost	ip ospf cost <cost>	ARISTANDCA13256136
ip ospf dead-interval	ip ospf dead-interval <seconds>	ARISTANDCA13256136
ip ospf hello-interval	ip ospf hello-interval <seconds>	ARISTANDCA13256136
ip ospf message-digest-key	ip ospf message-digest-key <key-id> md5 <key>	ARISTANDCA13256136
ip ospf priority	ip ospf priority <priority>	ARISTANDCA13256136
ip ospf retransmit-interval	ip ospf retransmit-interval <seconds>	ARISTANDCA13256136
ip ospf transmit-delay	ip ospf transmit-delay <seconds>	ARISTANDCA13256136
ip pim bsr-candidate	ip pim bsr-candidate vlan <vlan-id> [hash-mask-length <hash-mask-length>] [priority <priority>]	ARISTANDCA13256136
ip pim dr-priority	ip pim dr-priority <priority-value>	ARISTANDCA13256136
ip pim rp-address	ip pim rp-address <rp-address> [<group-address mask>] [override]	ARISTANDCA13256136
ip pim rp-candidate	ip pim rp-candidate vlan <vlan-id> [<group-address mask>] [priority <priority>]	ARISTANDCA13256136
ip pim sparse-mode	[no] ip pim sparse-mode	ARISTANDCA13256136
ip pim spt-threshold	[no] ip pim spt-threshold infinity [<group-address mask>]	ARISTANDCA13256136
ip proxy-arp	[no] ip proxy-arp	ARISTANDCA13256136
ip route	ip route [<destination-ip> <netmask> default] [gateway] [metric <metric>]	ARISTANDCA13256136
ip routing	[no] ip routing	ARISTANDCA13256136
lACP port-priority	lACP {actor partner} port-priority <priority>	ARISTANDCA13256136
lACP system-priority	lACP {actor partner} system-priority <priority>	ARISTANDCA13256136
logging host	[no] logging host <host_ip_address>	ARISTANDCA13256136
mac access-group	[no] mac access-group <acl_name> {in out}	ARISTANDCA13256136

mac-address	mac-address <mac-address>	ARISTANDCA13256136
mac-address-table aging-time	mac-address-table aging-time <seconds>	ARISTANDCA13256136
mac-address-table static	mac-address-table static <mac-address> interface <interface> vlan <vlan-id> [action]	ARISTANDCA13256136
network area	[no] network <ip-address> <netmask> area <area-id>	ARISTANDCA13256136
no snmp-server	[no] snmp-server	ARISTANDCA13256136
port-channel load-balance	port-channel load-balance {src-mac dest-mac src-dest-mac src-ip dest-ip src-dest-ip } [<port-channel-id>]	ARISTANDCA13257362
private-vlan	private-vlan <vlan-id> {primary isolated}	ARISTANDCA13256136
radius-server host	[no] radius-server <index> host {<host_ip_address> <host_alias>} [auth-port <auth_port>] [timeout <timeout>] [retransmit <retransmit>] [key <key>]	ARISTANDCA13256136
radius-server key	[no] radius-server <index> host {<host_ip_address> <host_alias>} [auth-port <auth_port>] [timeout <timeout>] [retransmit <retransmit>] [key <key>]	ARISTANDCA13256136
radius-server retransmit	[no] radius-server <index> host {<host_ip_address> <host_alias>} [auth-port <auth_port>] [timeout <timeout>] [retransmit <retransmit>] [key <key>]	ARISTANDCA13256136
radius-server timeout	[no] radius-server <index> host {<host_ip_address> <host_alias>} [auth-port <auth_port>] [timeout <timeout>] [retransmit <retransmit>] [key <key>]	ARISTANDCA13256136
router ospf	[no] router ospf	ARISTANDCA13256136
router rip	[no] router rip	ARISTANDCA13256136
router-id	router-id <ip-address>	ARISTANDCA13256136
show arp	show arp	ARISTANDCA13256136
show clock	show clock	ARISTANDCA13257362
show dot1q-tunnel	show dot1q-tunnel	ARISTANDCA13256136
show dot1x	show dot1x [statistics] [interface <interface>]	ARISTANDCA13256136
show dot1x statistics	show dot1x [statistics] [interface <interface>]	ARISTANDCA13256136
show etherchannel	show etherchannel [[<port-channel-id>] { detail load-balance port port-channel summary protocol}]	ARISTANDCA13257362
show hosts	show hosts	ARISTANDCA13256136
show interfaces	show interfaces status [interface]// show interfaces counters [interface] // show interfaces switchport [interface] //	ARISTANDCA13256136
show interfaces status	show interfaces status [interface]	ARISTANDCA13256136
show interfaces switchport	show interfaces switchport [interface]	ARISTANDCA13256136
show ip arp	show ip arp [Vlan <vlan-id> <ip-address> <aa:aa:aa:aa:aa:aa> summary information]	ARISTANDCA13257362
show ip igmp groups	show ip igmp groups [<group-address> interface vlan <vlan-id>]	ARISTANDCA13256136
show ip igmp interface	show ip igmp interface [vlan <vlan-id>]	ARISTANDCA13256136
show ip igmp snooping	show ip igmp snooping	ARISTANDCA13256136
show ip igmp snooping groups	show ip igmp snooping groups [Vlan <vlan-id> [Group <ip-address >]]	ARISTANDCA13257362
show ip igmp snooping mrouter	show ip igmp snooping mrouter [vlan <vlan-id>]	ARISTANDCA13256136
show ip interface	show ip interface [Vlan <vlan-id>]	ARISTANDCA13257362
show ip mroute	show ip mroute [<group-address> <source>] [summary]	ARISTANDCA13256136
show ip ospf	show ip ospf	ARISTANDCA13256136
show ip ospf border-routers	show ip ospf border-routers	ARISTANDCA13256136
show ip ospf database database-summary	show ip ospf [area-id] database [database-summary]	ARISTANDCA13256136
show ip ospf interface	show ip ospf interface [vlan <vlan-id>]	ARISTANDCA13256136
show ip ospf neighbor	show ip ospf neighbor	ARISTANDCA13256136
show ip pim interface	show ip pim interface <vlan-id>	ARISTANDCA13256136
show ip pim neighbor	show ip pim neighbor [ip-address]	ARISTANDCA13256136
show ip pim rp-hash	show ip pim rp-hash <group-address>	ARISTANDCA13256136
show ip route	show ip route [config <address> [netmask]]	ARISTANDCA13256136
show lacp counters	show lacp [<port-channel>] {counters internal neighbors sys-id}	ARISTANDCA13256136
show lacp neighbor	show lacp [<port-channel>] {counters internal neighbors sys-id}	ARISTANDCA13256136
show mac-address-table	show mac-address-table [address <mac-address> [mask]] [interface <interface>] [vlan <vlan-id>][sort {address vlan interface}]	ARISTANDCA13256136
show mac-address-table aging time	show mac-address-table aging-time	ARISTANDCA13256136
show mac-address-table count	show mac-address-table count [vlan <vlan-id>]	ARISTANDCA13257362
show policy-map interface	show policy-map interface interface input	ARISTANDCA13256136
show privilege	show privilege	ARISTANDCA13257362
show snmp	show snmp	ARISTANDCA13256136
show snmp community	show snmp community	ARISTANDCA13257362
show snmp engineID	show snmp engine-id	ARISTANDCA13256136
show snmp group	show snmp group	ARISTANDCA13256136
show snmp user	show snmp user	ARISTANDCA13256136
show snmp view	show snmp view	ARISTANDCA13256136
show spanning-tree	show spanning-tree [interface] mst <instance_id>	ARISTANDCA13256136
show spanning-tree blockedports	show spanning-tree [summary blockedports pathcost method]	ARISTANDCA13257362
show spanning-tree bridge	show spanning-tree bridge [address forward-time hello-time id max-age protocol priority detail]	ARISTANDCA13257362
show spanning-tree interface	show spanning-tree interface <interface-type> <interface-id> [cost priority portfast rootcost state stats detail]	ARISTANDCA13257362
show spanning-tree mst	show spanning-tree [interface] mst <instance_id>	ARISTANDCA13256136

show spanning-tree mst configuration	show spanning-tree mst configuration	ARISTANDCA13256136
show spanning-tree root	show spanning-tree root [address cost forward-time hello-time id max-age port priority detail]	ARISTANDCA13257362
show users	show users	ARISTANDCA13257362
show version	show version	ARISTANDCA13256136
show vlan	show vlan [brief id <vlan-id> summary]	ARISTANDCA13257362
show vlan private-vlan	show vlan private-vlan [primary isolated]	ARISTANDCA13256136
show vlan summary	show vlan [brief id <vlan-id> summary]	ARISTANDCA13257362
show vrrp	show vrrp [brief <group>]	ARISTANDCA13256136
snmp-server community	snmp-server community <string> [ro rw]	ARISTANDCA13256136
snmp-server contact	snmp-server contact <string>	ARISTANDCA13256136
snmp-server enable traps	[no] snmp-server enable traps [authentication link-up-down]	ARISTANDCA13256136
snmp-server engineID local	snmp-server engine-id [local remote {<ip-address>}] <engineid-string>	ARISTANDCA13256136
snmp-server engineID remote	snmp-server engine-id [local remote {<ip-address>}] <engineid-string>	ARISTANDCA13256136
snmp-server group	snmp-server group <groupname> {v1 v2c v3 {auth noauth priv}} [read <readview>] [write <writeview>] [notify <notifyview>]	ARISTANDCA13256136
snmp-server host	snmp-server host <host-addr> [inform [retry <retries> timeout <seconds>]] <community-string> [version {1 2c 3 {auth noauth priv}} [udp-port <port>]]	ARISTANDCA13256136
snmp-server location	snmp-server location <text>	ARISTANDCA13256136
snmp-server user	snmp-server user <username> <groupname> [remote <ip-address>] {v1 v2c v3 [encrypted] [auth {md5 sha} <auth-password> [priv des56 <priv-password>]]	ARISTANDCA13256136
snmp-server view	snmp-server view <view-name> <oid-tree> {included excluded}	ARISTANDCA13256136
spanning-tree cost	spanning-tree cost <cost>	ARISTANDCA13256136
spanning-tree link-type	spanning-tree link-type {auto point-to-point shared}	ARISTANDCA13256136
spanning-tree mode	spanning-tree mode {stp rstp mstp}	ARISTANDCA13256136
spanning-tree mst configuration	spanning-tree mst-configuration	ARISTANDCA13256136
spanning-tree port-priority	spanning-tree port-priority <priority>	ARISTANDCA13256136
spanning-tree transmit hold-count	spanning-tree transmit hold-count <value>	ARISTANDCA13257362
storm-control	storm-control { broadcast multicast dlf } level <rate-value>	ARISTANDCA13257362
switchport mode	switchport mode {hybrid trunk private-vlan dot1q-tunnel}	ARISTANDCA13256136
switchport private-vlan mapping	switchport private-vlan mapping <primary-vlan-id>	ARISTANDCA13256136
tacacs-server host	tacacs-server host <host_ip_address>	ARISTANDCA13256136
tacacs-server key	tacacs-server key <key_string>	ARISTANDCA13256136
timers basic (RIP)	timers basic <update-seconds>	ARISTANDCA13256136
vrrp authentication	vrrp <group> authentication <key>	ARISTANDCA13256136
vrrp ip	[no] vrrp <group> ip <ip-address>	ARISTANDCA13256136
vrrp preempt	vrrp <group> preempt [delay <seconds>]	ARISTANDCA13256136
vrrp priority	vrrp <group> priority <level>	ARISTANDCA13256136
vrrp timers advertise	vrrp <group> timers advertise <interval>	ARISTANDCA13256136

Total of 157 command abstractions listed above.